

AMENDMENTS TO THE CLAIMS

Claims previously submitted:

1. Claims 1 – 55. (Canceled)
56. (Previously presented) A gasoline comprising a base fuel and at least one additive wherein the additive comprises:
 - a plant oil extract derived from grain;
 - a carotenoid; and
 - a thermal stabilizer.
57. (Previously presented) The gasoline of claim 56, wherein the grain is selected from the group consisting of fescue, clover, wheat, barley, oats, rye, sorghum, flax, triticale, rice, corn, spelt, millet, amaranth, buckwheat, quinoa, kamut and teff.
58. (Previously presented) The gasoline of claim 55 wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures thereof.
59. (Previously presented) The gasoline of claim 56, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof.
60. (Previously presented) The gasoline of claim 56 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
61. (Previously presented) The gasoline of claim 56 wherein the thermal stabilizer is meadowfoam oil.
62. (Previously presented) The gasoline of claim 56 further comprising a diluent.

63. (Previously presented) The gasoline of claim 56 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
64. (Currently amended) The gasoline of claim 56 further comprising at least one additive selected from the group ~~selected from~~ consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
65. (Canceled)
66. (Previously presented) A gasoline comprising a base fuel and at least one additive wherein the additive comprises:
 - a hydrophobic plant oil extract;
 - a carotenoid; and
 - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil and mixtures thereof.
67. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is derived from a member of the Leguminosae family.
68. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is derived from grain.

69. (Previously presented) The gasoline of claim 66 further comprising a diluent.
70. (Previously presented) The gasoline of claim 66 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
71. (Currently amended) The gasoline of claim 66 further comprising at least one additive selected from the group selected from consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
72. (Previously presented) The gasoline of claim 66, wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures thereof.
73. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is barley oil extract, the carotenoid is β -carotene.
74. (Currently amended) A gasoline comprising a base feed-fuel and at least one additive wherein the additive comprises:
 - a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover oil extract, wheat oil extract and mixtures thereof;
 - a carotenoid; and
 - a thermal stabilizer.

75. (Previously presented) The gasoline of claim 74 wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures thereof.
76. (Previously presented) The gasoline of claim 74, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof
77. (Previously presented) The gasoline of claim 74 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
78. (Previously presented) The gasoline of claim 74 wherein the thermal stabilizer is meadowfoam oil.
79. (Previously presented) The gasoline of claim 74 further comprising a diluent.
80. (Previously presented) The gasoline of claim 74 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
81. (Currently amended) The gasoline of claim 80 further comprising at least one additive selected from the group selected from consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
82. (Canceled)

83. (Previously presented) A gasoline additive comprising:
 - a plant oil extract derived from barley;
 - β-carotene;and a thermal stabilizer.
84. (Previously presented) The additive of claim 83 wherein the thermal stabilizer comprises meadowfoam oil.
85. (Previously presented) The additive of claim 83 further comprising a diluent.
86. (Previously presented) The additive of claim 83 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, diesel fuel, 2-cycle oil, resid fuel and mixtures thereof.
87. Claims 87 – 89 (Canceled)
90. (Currently amended) A gasoline additive ~~comprising~~ comprising:
 - a hydrophobic plant oil extract;
 - a carotenoid;
 - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil, and mixtures thereof; and
 - a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, diesel fuel, 2-cycle oil, resid fuel and mixtures thereof.
91. (Previously presented) The additive of claim 90 wherein the plant oil is derived from barley and the carotenoid is β-carotene.

92. (Previously presented) The additive of claim 90 further comprising meadowfoam oil.

93. (New) A gasoline additive comprising:

 a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover extract, wheat oil extract and mixtures thereof;

 a carotenoid;

 a thermal stabilizer; and

 a diluent.

94. (New) A gasoline additive comprising:

 barley oil extract;

β -carotene;

 a thermal stabilizer.

95. (New) A gasoline additive comprising:

 a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover oil extract, wheat oil extract, and mixtures thereof;

 a carotenoid; and

 meadowfoam oil.

96. (New) A gasoline additive comprising:

 barley oil extract;

β -carotene; and

 a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil and mixtures thereof; and

 a diluent.